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PTO/SB/21 (09-06)

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TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

86

Application Number	10/717,394
Filing Date	November 18, 2003
First Named Inventor	Rodney Dean Miller et al.
Art Unit	2611
Examiner Name	Ha, Dac V.

Attorney Docket Number A5GN2102US

ENCLOSURES (Check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):  - Itemized postcard - Declaration of Rodney Deal Miller - Exhibits 1-6	Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	KOPPEL, PATRICK, HEYBL & DAWSON		
Signature			
Printed name	Richard S. Koppel		
Date	4/3/07	Reg. No.	26,475

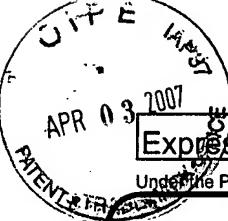
## CERTIFICATE OF MAILING Express Label No. EM 052653705 US

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Signature			
Typed or printed name	Mariana M. Rivas	Date	4/3/07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL  
For FY 2007** Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

0.00

**Complete If Known**

Application Number	10/717,394
Filing Date	November 18, 2003
First Named Inventor	Rodney Dean Miller et al.
Examiner Name	Ha, Dac V.
Art Unit	2611
Attorney Docket No.	A5GN2102US

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 11-1580 Deposit Account Name: Richard S. Koppel

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

<u>Fee (\$)</u>	<u>Small Entity</u>
50	25
200	100
360	180

Each independent claim over 3 (including Reissues)

Fee (\$)Fee (\$)

Multiple dependent claims

Fee (\$)Fee (\$)Total ClaimsExtra ClaimsFee (\$)Fee Paid (\$)

$$20 - 20 \text{ or HP} = 0 \times 50.00 = 0$$

Indep. ClaimsExtra ClaimsFee (\$)Fee Paid (\$)

$$2 - 3 \text{ or HP} = 0 \times 200.00 = 0$$

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent ClaimsFee (\$)Fee (\$)**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

$$\text{Total Sheets} \quad \text{Extra Sheets} \quad \text{Number of each additional 50 or fraction thereof} \quad \text{Fee ($)} \quad \text{Fee Paid ($)}$$

$$- 100 = \text{_____} / 50 = \text{_____} \text{ (round up to a whole number)} \times \text{_____} = \text{_____}$$

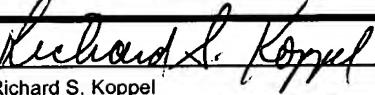
**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): \_\_\_\_\_

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 26,475	Telephone (805) 373-0060
Name (Print/Type)	Richard S. Koppel	Date 9/3/07	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Docket No. A5GN2102US

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Applicants: Rodney Dean Miller, et al.

Filed: November 18, 2003

Serial No. 10/717,394

For: PHASE-LOCKED LOOP  
STRUCTURES WITH ENHANCED  
SIGNAL STABILITY

: Group Art Unit: 2611

: Examiner: Ha, Dac V

:

:

:

:

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action dated January 8, 2007, please amend the above application as shown in the Amendments to the Specification and the Amendments to the Claims which respectively begin on pages 2 and 3.

**CERTIFICATE OF MAILING**

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4/3/07  
Date

Mariana M. Rivas  
Signature